

Masahiro Fukushi

List of Publications by Year in descending order

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papers

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docs citations

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449
citing authors

#	ARTICLE	IF	CITATIONS
1	Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium. <i>Circulation Research</i> , 2017, 121, e22-e36.	4.5	124
2	Impact on gadolinium anomaly in river waters in Tokyo related to the increased number of MRI devices in use. <i>Marine Pollution Bulletin</i> , 2020, 154, 111148.	5.0	23
3	Bayesian penalized-likelihood reconstruction algorithm suppresses edge artifacts in PET reconstruction based on point-spread-function. <i>Physica Medica</i> , 2018, 47, 73-79.	0.7	22
4	Distribution of gamma radiation dose rate related with natural radionuclides in all of Vietnam and radiological risk assessment of the built-up environment. <i>Scientific Reports</i> , 2020, 10, 12428.	3.3	22
5	Detailed Distribution Map of Absorbed Dose Rate in Air in Tokatsu Area of Chiba Prefecture, Japan, Constructed by Car-Borne Survey 4 Years after the Fukushima Daiichi Nuclear Power Plant Accident. <i>PLoS ONE</i> , 2017, 12, e0171100.	2.5	17
6	Impact on ambient dose rate in metropolitan Tokyo from the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Environmental Radioactivity</i> , 2016, 158-159, 1-8.	1.7	14
7	Contribution ratios of natural radionuclides to ambient dose rate in air after the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 507-512.	1.5	12
8	Differential effect of parity on rat mammary carcinogenesis after pre- or post-pubertal exposure to radiation. <i>Scientific Reports</i> , 2018, 8, 14325.	3.3	11
9	Natural variation of ambient dose rate in the air of Izu-Oshima Island after the Fukushima Daiichi Nuclear Power Plant accident. <i>Radiation Protection Dosimetry</i> , 2016, 168, 561-565.	0.8	10
10	Analysis of genes involved in the PI3K/Akt pathway in radiation- and MNU-induced rat mammary carcinomas. <i>Journal of Radiation Research</i> , 2017, 58, 183-194.	1.6	9
11	Changes of ambient gamma-ray dose rate in Katsushika Ward, metropolitan Tokyo before and after the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 303, 2159.	1.5	8
12	EFFECTIVE DOSE DUE TO TERRESTRIAL GAMMA RADIATION ESTIMATED IN SOUTHERN VIETNAM BY CAR-BORNE SURVEY TECHNIQUE. <i>Radiation Protection Dosimetry</i> , 2018, 179, 18-25.	0.8	8
13	Distribution patterns of gamma radiation dose rate in the high background radiation area of Odisha, India. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 1423-1434.	1.5	8
14	Investigation of radon and thoron concentrations in a landmark skyscraper in Tokyo. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 2009-2015.	1.5	7
15	DNA Methylation Patterns in Rat Mammary Carcinomas Induced by Pre- and Post-Pubertal Irradiation. <i>PLoS ONE</i> , 2016, 11, e0164194.	2.5	7
16	A Rat Model to Study the Effects of Diet-Induced Obesity on Radiation-Induced Mammary Carcinogenesis. <i>Radiation Research</i> , 2016, 185, 505.	1.5	7
17	Comparison of Glass Capillary Plates and Polyethylene Fiber Bundles as Phantoms to Assess the Quality of Diffusion Tensor Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 251-258.	2.0	7
18	A simulation study for estimating scatter fraction in whole-body 18F-FDG PET/CT. <i>Radiological Physics and Technology</i> , 2017, 10, 204-212.	1.9	6

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19	Neutron-induced Rat Mammary Carcinomas Are Mainly of Luminal Subtype and Have Multiple Copy Number Aberrations. <i>Anticancer Research</i> , 2019, 39, 1135-1142.	1.1	6
20	Exome of Radiation-induced Rat Mammary Carcinoma Shows Copy-number Losses and Mutations in Human-relevant Cancer Genes. <i>Anticancer Research</i> , 2021, 41, 55-70.	1.1	5
21	Measurements and future projections of Gd-based contrast agents for MRI exams in wastewater treatment plants in the Tokyo metropolitan area. <i>Marine Pollution Bulletin</i> , 2022, 174, 113259.	5.0	5
22	IMPACT ON ABSORBED DOSE RATE IN AIR IN THE IZU ISLANDS FROM LONG HALF-LIFE RADIONUCLIDES RELEASED BY THE FUKUSHIMA DAIICHI NUCLEAR POWER PLANT ACCIDENT. <i>Radiation Protection Dosimetry</i> , 2018, 182, 335-344.	0.8	4
23	Characteristic X-ray imaging for palliative therapy using strontium-89 chloride: understanding the mechanism of nuclear medicine imaging of strontium-89 chloride. <i>Radiological Physics and Technology</i> , 2017, 10, 227-233.	1.9	3
24	Relationship between tumor volume and quantitative values calculated using two-dimensional bone scan images. <i>Radiological Physics and Technology</i> , 2017, 10, 496-506.	1.9	3
25	Changes of absorbed dose rate in air in metropolitan Tokyo relating to radiocesium released from the Fukushima Daiichi Nuclear Power Plant accident: Results of a five-year study. <i>PLoS ONE</i> , 2019, 14, e0224449.	2.5	2
26	The clinical utility of phase-based respiratory gated PET imaging based on visual feedback with a head-mounted display system. <i>British Journal of Radiology</i> , 2019, 92, 20180233.	2.2	2
27	Ecological half-lives of radiocesium on Izu-Oshima Island related with the Fukushima Daiichi nuclear power plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 291-300.	1.5	2
28	Development of a multi-pinhole brain SPECT system with CdZnTe semiconductor detectors. , 2012, , .		1
29	Verification of the tumor volume delineation method using a fixed threshold of peak standardized uptake value. <i>Radiological Physics and Technology</i> , 2017, 10, 311-320.	1.9	1
30	Dispersion of radiocesium-contaminated bottom sediment caused by heavy rainfall in Joso City, Japan. <i>PLoS ONE</i> , 2017, 12, e0171788.	2.5	1
31	New myocardial SPECT system with CdZnTe semiconductor detectors. , 2010, , .		0
32	Changes in environmental radiation levels in Katsushika Ward, Tokyo after the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 411-418.	1.5	0
33	Changes on distribution of absorbed dose rates in air in an urban area after the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 427-435.	1.5	0
34	Evaluation of the Dose Coefficient from in vivo Counting to Organ Doses in FDG-PET. <i>Japanese Journal of Health Physics</i> , 2007, 42, 349-352.	0.1	0
35	192. Use of micro-ionization chamber in a quality assurance and dosimetry for stereotactic radiosurgery. <i>Japanese Journal of Radiological Technology</i> , 1996, 52, 963.	0.1	0
36	192. Use of micro-ionization chamber in a quality assurance and dosimetry for stereotactic radiosurgery. <i>Japanese Journal of Radiological Technology</i> , 1997, 53, 238.	0.1	0

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37	Environmental Enrichment Increases Radiation-induced Apoptosis Not Spontaneous Apoptosis in Mouse Intestinal Crypt Cells. <i>In Vivo</i> , 2022, 36, 618-627.	1.3	0